

FIG. 1

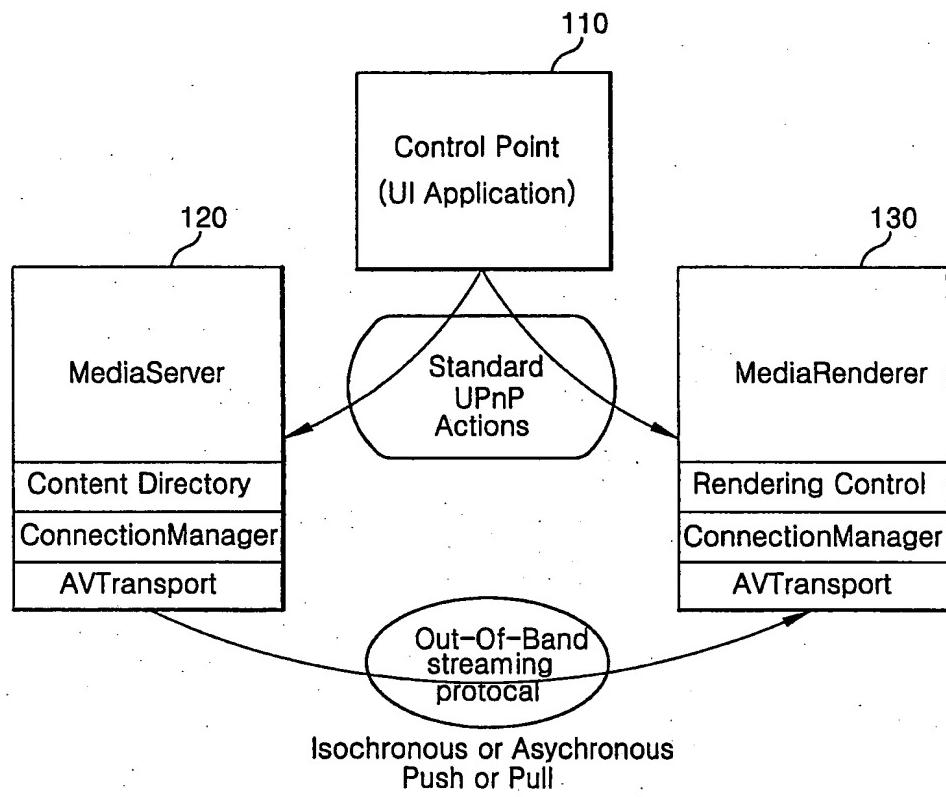


FIG. 2

```
<?xml version="1.0"?>
<root xmlns="urn:schemas-upnp-org:device-1-0">
<specVersion>
<major>1</major>
<minor>0</minor>
</specVersion>
<URLBase>http://192.168.0.4:5431</URLBase>
<device>
<deviceType>urn:schemas-upnp-org:device:tvdevice:1</deviceType>
<friendlyName>UPnP Television Emulator</friendlyName>
<manufacturer>TV Manufacturer Name</manufacturer>
<manufacturerURL>http://www.manufacturer.com</manufacturerURL>
<modelDescription>UPnP Television Device Emulator 1.0</modelDescription>
<modelName>TVEmulator</modelName>
<modelNumber>1.0</modelNumber>
<modelURL>http://www.manufacturer.com/TVEmulator/</modelURL>
<serialNumber>123456789001</serialNumber>
<UDN>uuld:Upnp-TVEmulator-1_0-1234567890001</UDN>
<UPC>123456789</UPC>

<role switch> ON </ role switch>
<roamingInfolist>
<MediaServer>/ MediaServer.xml </Media Server>
<MediaRenderer>/MediaRenderer.xml </MediaRenderer>
<Matchinginfo>/ Matching.xml</Matchinginfo>
<Currentinfo>/Currentinfo.xml </Currentinfo>
</roamingInfolist>

<serviceList>
<service>
<serviceType>urn:schemas-upnp-org:service:tvcontrol:1</serviceType>
<serviceId>urn:upnp-org:serviceId:tvcontrol1</serviceId>
<controlURL>/upnp/control/tvcontrol1</controlURL>
<eventSubURL>/upnp/event/tvcontrol1</eventSubURL>
<SCPDURL>/tVcontrolSCPD.xml</SCPDURL>
<service>
</serviceList>
<presentationURL>/tvdevicepres.html</présentationURL>
</device>
</root>
```

FIG. 3

```
<DIDL-Lite xmlns:dc="http://purl.org/dc/elements/1.1/"  
    xmlns:upnp="urn:schemas-upnp-org:metadata-1-0/upnp/"  
    xmlns="urn:schemas-upnp-org:metadata-1-0/DIDL-Lite/">  
    <item id="6" parentID="3" restricted="false">  
        <dc:title>Chloe Dancer</dc:title>  
        <dc:creator>Mother Love Bone</dc:creator>  
        <upnp:class>object.item.audioItem.musicTrack</upnp:class>  
        <res protocolInfo="http:*:audio/x-ms-wma:*" size="200000">  
            http://10.0.0.1/getcontent.asp?id="6"  
        </res>  
    </item>  
    <item id="8" parentID="3".restricted="false">  
        <dc:title>Drown</dc:title>  
        <dc:creator>Smashing Pumpkins</dc:creator>  
        <upnp:class>object.item.audioItem.musicTrack</upnp:class>  
        <res protocolInfo="http:*:audio/x-ms-wma:*" size="140000">  
            http://10.0.0.1/getcontent.asp?id="8"  
        </res>  
    </DIDL-Lite>  
    <numberReturned> 3 </ numberReturned>  
    < totalMatches> 4 </ totalMatches>  
    < updateID> 18 </updateID>
```

FIG. 4

```
<protocol> http </protocol>
<network> * </network>
<type> audio/m3u </type>
<additonallInfo>*</additinalInfo>
```

```
<protocol> http </protocol>
<network> * </network>
<type> audio/wma </type>
<additonallInfo>*</additinalInfo>
```

```
<protocol> http </protocol>
<network> * </network>
<type> audio/m3u </type>
<additonallInfo>*</additinalInfo>
```

```
<protocol> http </protocol>
<network> * </network>
<type> audio/wma </type>
<additonallInfo>*</additinalInfo>
```

FIG. 5

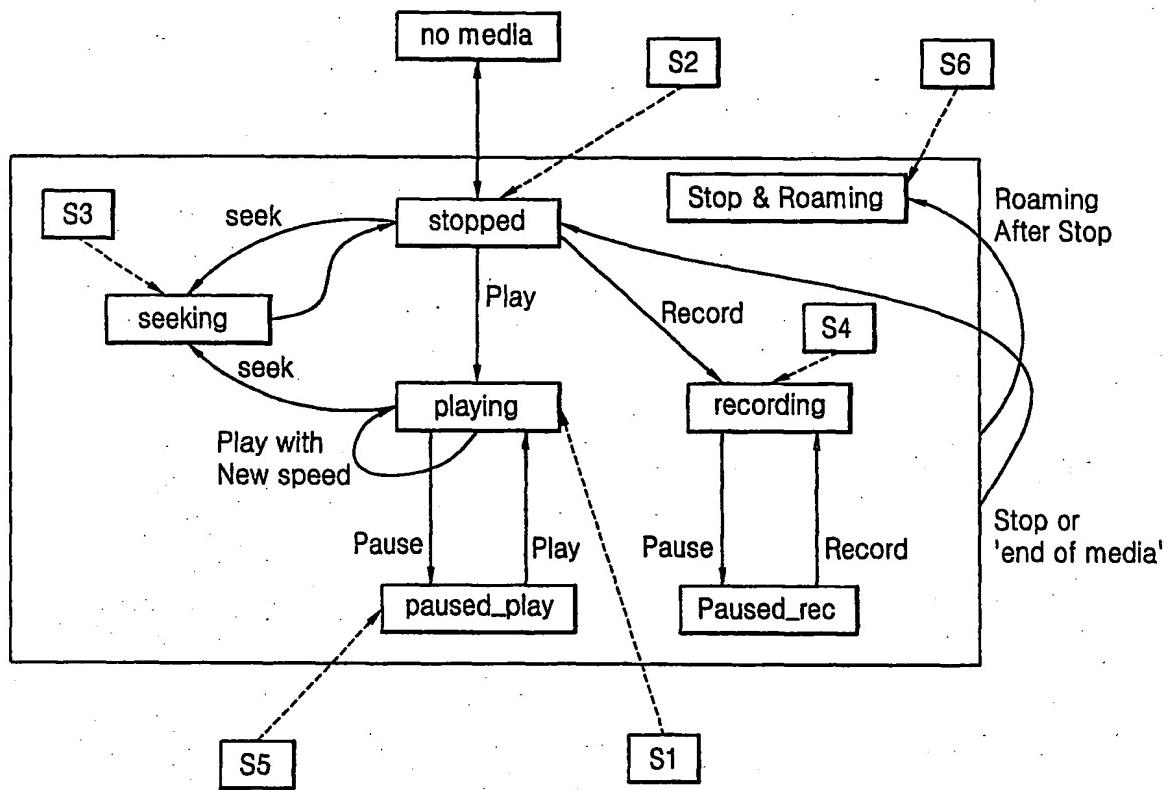


FIG. 6

